Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An electronic device comprising:

a user input device for receiving input from a user;

a user device processing unit for performing functions of the electronic device;

a use pattern monitoring device for monitoring use patterns of the user, monitoring device parameter settings, and correlating use patterns with device parameter settings; [[and]]

an associated memory for storing use pattern, device parameter state, and correlation information;

a cognitive logic device for analyzing the use pattern, parameter state, and correlation information and for determining adjustments to the user device processing unit corresponding to particular user input based on the use pattern information; and

a user device processing unit controller for adjusting the user device processing unit in response to receipt of the particular user input in accordance with the determined adjustments.

2. (Original) The electronic device of claim 1 wherein the determined adjustments include changes to parameters, configurations and states of the user device processing unit.

3. (Currently Amended) The electronic device of claim 1 wherein the cognitive logic device uses a cognitive model that creates rules based on an <u>analysis of use pattern, parameter state, and correlation information</u> ~~observed interactions of the user~~.

4. (Original) The electronic device of claim 3 wherein the user device unit controller selectively turns off rules in response to user interaction through the user input device.

5. (Original) The electronic device of claim 1 wherein the cognitive logic device categorizes the use pattern information into either common interaction patterns or style interaction patterns and adjusting the electronic device based on the common interaction patterns and selectively adjusting the electronic device based on the style interaction patterns in response to a current user interaction style.

6. (Currently Amended) A wireless transmit/receive unit (WTRU) comprising:

a user input device for receiving input from a user;

a user device processing unit for performing functions of the electronic device;

a use pattern monitoring device for monitoring use patterns of the user, monitoring device parameter settings, and correlating use patterns with device parameter settings; [[and]]

an associated memory for storing use pattern, device parameter state, and correlation information;

a cognitive logic device for analyzing the use pattern, parameter state, and correlation information and for determining adjustments to the user device processing unit corresponding to particular user input based on the use pattern information; and

a user device processing unit controller for adjusting the user device processing unit in response to receipt of the particular user input in accordance with the determined adjustments.

7. (Original) The WTRU of claim 6 wherein the processing unit comprises a digital signal processor (DSP) and a reduced instruction set (RISC) processor.

8. (Original) The WTRU of claim 6 wherein the determined adjustments include changes to parameters, configurations and states of the processing unit.

9. (Currently Amended) The WTRU of claim 6 wherein the cognitive logic device uses a cognitive model that creates rules based on an <u>analysis of use pattern, parameter state, and correlation information</u> ~~observed interactions of the user~~.

10. (Original) The WTRU of claim 6 wherein the processing unit controller selectively turns off rules in response to user interaction through the user input device.

11. (Cancelled).

12. (Currently Amended) An integrated circuit comprising:

an input configured to receive input from a user;

a processing unit, coupled to the input, for performing functions of an electronic device;

a use pattern monitoring device, coupled to the processing unit, for monitoring use patterns of the user<u>, monitoring device parameter settings, and correlating use patterns with device parameter settings</u>;

an associated memory for storing use pattern, device parameter state, and correlation information;

a cognitive logic device, coupled to the associated memory, for analyzing the use pattern, parameter state, and correlation information and for determining adjustments to the ~~user device~~ processing unit corresponding to particular user input ~~based on the use pattern information~~; and

a processing unit controller, coupled to the cognitive logic device and processing unit, for adjusting the ~~user device~~ processing unit in response to receipt of the particular user input in accordance with the determined adjustments.

13. (Currently Amended) A method for use with an electronic device, the electronic device performing steps comprising:

receiving user inputs at [[the]] an electronic device indicating interactions of [[the]] a user with processing of the electronic device;

monitoring use patterns of the user, monitoring device parameter settings, and correlating use patterns with device parameter settings;

analyzing use pattern, parameter state, and correlation information;

~~determining interaction patterns of the user with the electronic device~~;

determining adjustments for the electronic device corresponding to the particular user input;

~~using the determined interaction patterns, determining adjustments for the electronic device~~; and

adjusting the electronic device <u>in response to particular user input in accordance with</u> ~~using~~ the determined adjustments.

14. (Original) The method of claim 13 wherein the determined adjustments include changes to parameters, configurations and states of a processing unit.

15. (Currently Amended) The method of claim 13 wherein the determining adjustments uses a cognitive model that creates rules based on an <u>analysis of use pattern, parameter state, and correlation information</u> ~~observed interactions of the user~~.

16. (Original) The method of claim 15 further comprising selectively turning off rules in response to user interaction through the user input device.

17. (Original) The method of claim 13 wherein the determining interaction patterns comprises categorizing the use pattern information into either common interaction patterns or style interaction patterns and the electronic device is

adjusted based on the common interaction patterns and selectively adjusted based on the style interaction patterns in response to a current user interaction style.

18. (Original) A method for use with an electronic device, the electronic device performing steps comprising:

receiving user inputs from a plurality of users at the electronic device indicating interactions of the users with processing of the electronic device;

determining interaction patterns of the users with the electronic device;

categorizing the determined interaction patterns as either common interaction patterns or style interaction patterns;

based on the determined interaction patterns, determining adjustments for the electronic device;

categorizing the determined adjustments as either common adjustments or style adjustments; and

adjusting the electronic device using the common adjustments and selectively applying the style adjustments in response to a current user interaction style.